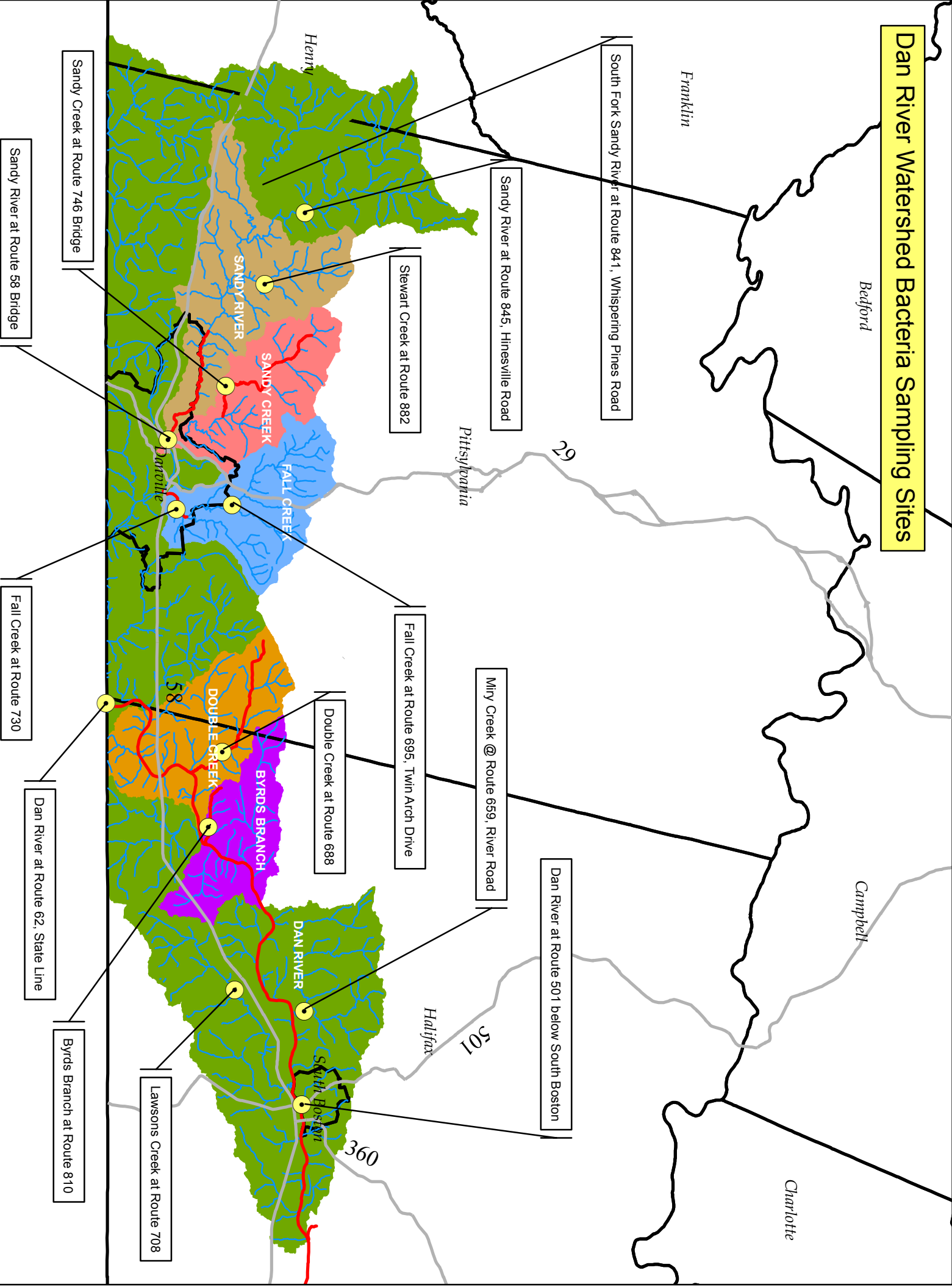


Dan River Watershed Bacteria Sampling Sites



Dan River Watershed

Total Maximum Daily Load Study

FACT SHEET

Location: The Dan River is located in Pittsylvania and Halifax Counties. The Dan River flows into the Roanoke River, eventually emptying into the Albemarle Sound in North Carolina.

Concern: The Dan River and several of its tributaries are not meeting State Water Quality Standards for recreation due to high bacteria levels.

Standards: The State is shifting from using a recreation standard based upon fecal coliform to a standard based upon *E.coli*. If a stream exceeds these standards more than 10.5% of the time, it is considered "impaired".

E.coli Standard: 235 colony forming units/ 100 mL

Fecal Coliform Standard: 400 colony forming units/100 mL

STREAM NAME	MILES	IMPAIRMENT
Sandy Creek	11.76	Total Fecal Coliform
Sandy River	7.21	Total Fecal Coliform
Fall Creek	2.3	Total Fecal Coliform
Dan River	36.36	Total Fecal Coliform / <i>E. coli</i>
Double Creek	8.28	Total Fecal Coliform
Byrds Branch	2.98	Total Fecal Coliform / <i>E. coli</i>

WATER QUALITY RESULTS

STATION ID	LOCATION	SAMPLES	MIN	MAX	EXCEEDANCES	%
4ASSP002.44	South Prong Sandy River @ Rte 841	12	25	880	2	17%
4ASRV018.79	Sandy River @ Rte 845	12	25	1300	1	8%
4ASWA002.97	Stewart Creek @ Rte 882	12	25	1000	3	25%
4ASCR007.06	Sandy Creek @ Rte 746	12	24	20000	3	25%
4ASRV000.20	Sandy River @ Rte 58	12	6	250	1	8%
4AFAL001.58	Fall Creek @ Rte 730	12	14	840	3	25%
4AFAL005.42	Fall Creek @ Rte 695	12	25	420	5	42%
4AMRY000.82	Miry Creek @ Rte 659	12	80	980	7	58%
4ADBC002.19	Double Creek @ Rte 688	12	12	360	2	17%
4ADAN042.80	Dan River @ Rte 62	12	6	550	1	8%
4ABYR000.80	Byrds Branch @ Rte 810	12	72	700	8	66%
4ALSN007.45	Lawsons Creek @ Rte 708	12	25	880	4	33%
4ADAN015.30	Dan River @ Rte 501	11	34	1020	1	9%

Next Steps:

Provide any comments on the water quality study to Amanda Gray (contact info below) by **SEPTEMBER 10, 2007**.

Implement Best Management Practices!

(close straight pipes, fence cattle out of streams, install alternate watering systems, fix failing septic systems)

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